

National Weather Service

Product Definitions

The National Weather Service issues several products to inform the public of expected weather conditions ranging from forecasts of normal weather conditions to warnings of life-threatening and damaging weather events. These are described below.

Forecast

Twice or more daily, the National Weather Service in Flagstaff publishes 7-day forecasts for most of northern Arizona. These forecasts provide a general overview of the upcoming weather.

Outlook

When there is a possibility of hazardous weather but timing, likelihood, or magnitude of the weather event is not yet known, an Outlook may be issued to discuss the hazard. The Hazardous Weather Outlook is the most common outlook issued in northern Arizona.

Advisory

Advisories are issued for weather conditions that can cause significant discomfort or inconvenience and, if caution is not taken, could lead to a threat to life and/or property. Some advisories frequently issued in northern Arizona include Winter Weather Advisories, Wind Advisories, and Flood Advisories.

Watch

Watches are issued when conditions appear favorable for the development of weather conditions which could be a threat to life and property, but there is still uncertainty in the timing or occurrence. Watches are generally issued 1 to 3 days in advance of a potential weather event. This is the time to prepare and be alert for forecast updates. A watch will often be upgraded to a warning when the weather event draws near.

Warning

Warnings are issued when life threatening conditions are imminent or occurring. Often, a watch is upgraded to a warning. Anyone in the warned area should take immediate precautions to protect life and property.

Flagstaff NWS



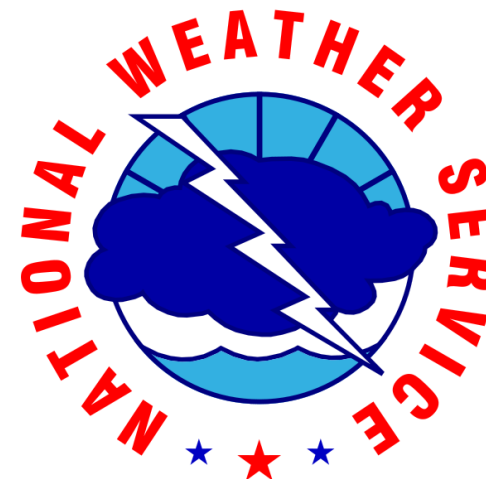
**NOAA's National Weather Service
Flagstaff Weather Forecast Office**
P.O. Box 16057
Bellemont, AZ 86015-6057

(928) 556-9161
www.weather.gov/flagstaff

Internet links for Weather & Preparedness Information:

www.weather.gov
www.ready.gov
www.noaawatch.gov
www.weather.gov/flagstaff

Weather Resources for Northern Arizona



**Provided by NOAA's
National Weather Service
Flagstaff, AZ**

Your official local source for accurate and timely weather warnings and forecasts

Forecasts, warnings, & weather information for northern Arizona available on the web at:

www.weather.gov/flagstaff

Sources for Weather Information

Internet Weather Resources

Other Weather-Related Information Resources

Northern Arizona is affected by many of the weather-related hazards that the U.S. experiences: Floods, winter weather, lightning and thunderstorms, extreme heat, even tornadoes and tropical storm remnants. Over the years, many of these weather phenomena have claimed lives and damaged property in Arizona. Your best defense is to be prepared and informed with the latest weather forecasts, watches, and warnings.

NOAA Weather Radio

This is still the simplest and most reliable method of getting local weather information. It operates even during power outages with specially designed battery operated weather radios available at many electronics stores. Weather radios can even be programmed to turn on automatically in the event of weather warnings for your area.

Northern Arizona broadcast frequencies:

Flagstaff	162.400 MHz
Show Low	162.400 MHz
Grand Canyon	162.475 MHz
Window Rock	162.550 MHz
Prescott	162.525 MHz
White Mountains	162.525 MHz
Payson	162.425 MHz

Local and National Television Weather Broadcasts

Local television stations can be a great resource for weather forecasts and warnings. Much of the information presented on television broadcasts originates from the National Weather Service, but is carefully packaged by the television station to make it simple and easy to understand.

Telephone

Recorded Weather Forecasts and observations for the Flagstaff and Grand Canyon areas are available at (928) 774-3301.

Many weather information resources are available over the web, from the National Weather Service as well as many private companies. See the following pages for web addresses.

Current weather forecasts for northern Arizona

The National Weather Service is your local one-stop-shop for weather information in northern Arizona. Just go to our webpage and click on a spot on the map for a complete weather forecast for your location.

www.weather.gov/flagstaff

Radar

You can track thunderstorms and other precipitation with National Weather Service radar over the web. Go to www.weather.gov/flagstaff and follow the "Radar" links, or go straight to <http://radar.weather.gov/radar.php?rid=FSX&loop=yes>

Satellite

Satellite data can give a great overview of the regional weather. Go to www.weather.gov/flagstaff and follow the "Satellite" link, or go straight to www.wrh.noaa.gov/satellite/?wfo=fgz

Weather Condition Observations

The National Weather Service makes available to you a large network of surface observations from public agencies and private citizens. Go to www.weather.gov/flagstaff and follow the "Observations" link, or go directly to www.wrh.noaa.gov/mesowest/gmap.php?map=fgz

Climate

We have put together basic climate summaries, or average conditions, for many locations throughout northern Arizona. Resources are also available for more in-depth climate research. weather.gov/fgz/climate/climatesummaries/nazclimate.php

Rivers and Streams

River levels for streams across northern Arizona are forecast by the National Weather Service. You can see which rivers are available by following the "Rivers and Lakes" link at www.weather.gov/flagstaff, or go directly to water.weather.gov/ahps2/index.php?wfo=fgz

Road Conditions

The Arizona Department of Transportation (ADOT) makes road conditions available over the phone and via their webpage. Telephone: 511 (or 1-888-411-ROAD) Internet: www.az511.com

Lightning

The National Weather Service does not collect lightning data directly, but a number of private companies make lightning strike data and lightning forecasts available over the internet. An internet search for "lightning data" should produce a number of results.

Weather Preparedness

Many resources are available to help you develop your own weather safety strategies, make weather emergency kits, or learn more about various weather hazards. Some national resources to start with are:

www.ready.gov
www.noaawatch.gov

The National Weather Service in Flagstaff also has publications available which discuss preparation for typical weather hazards in northern Arizona. www.weather.gov/fgz/Brochures/FGZpubs.php